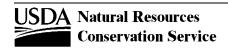
Table ENG-2. - Construction Materials

Shenandoah County, Virginia

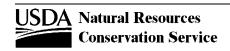
The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	•	Potential Source of Topsoil	е
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:							
Alonzville	75	Fair Too acid	0.97	Good		Good	
1C:							
Alonzville	85	Fair		Good		Fair	
		Too acid	0.97			Slope	0.63
2B:							
Berks	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Too acid	0.92
		Too acid	0.50			Depth to bedrock	0.97
3C:							
Berks	55	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of	0.13			Slope	0.63
		organic matter Too acid	0.50			Too acid	0.92
Weikert	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.00			Depth to bedrock	0.00
		Low content of organic matter	0.13			Slope	0.63
4B:							
Blairton	75	Fair		Poor		Fair	
		Droughty	0.19	Depth to bedrock	0.00	Depth to saturated	0.29
		Too acid	0.50	Depth to saturated	0.29	zone	0.00
		Low content of organic matter	0.50	zone Low strength	0.78	Too acid Depth to bedrock	0.60 0.65
4C:							
Blairton	75	Fair		Poor		Fair	
		Droughty	0.19	Depth to bedrock	0.00	Depth to saturated	0.29
		Too acid	0.50	Depth to saturated	0.29	zone	
		Low content of organic matter	0.50	zone Low strength	0.78	Too acid Slope	0.60 0.63
5B:							
Braddock	75	Fair		Fair		Poor	
		Too clayey	0.02	Shrink-swell	>0.99	Hard to reclaim	0.00
		Low content of	0.13			Rock fragments	0.00
		organic matter	a = c			Too Clayey	0.01
		Too acid	0.50				

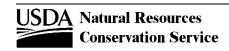
Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Sourc of Roadfill	е	Potential Source of Topsoil	e
and doi: Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5C:							
Braddock	75	Fair		Fair		Poor	
		Too clayey Low content of	0.02 0.13	Shrink-swell	>0.99	Hard to reclaim	0.00
		organic matter	0.13			Rock fragments Too Clayey	0.00
		Too acid	0.50				
6B:							
Braddock	75	Fair		Poor		Poor	
		Too clayey	0.02	Cobble content	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Shrink-swell	>0.99	Hard to reclaim	0.00
		Cobble content	0.19			Too Clayey	0.01
6C:							
Braddock	75	Fair		Poor		Poor	
		Too clayey	0.02	Cobble content	0.00	Rock fragments	0.00
		Low content of	0.13	Shrink-swell	>0.99	Hard to reclaim	0.00
		organic matter Cobble content	0.19			Too Clayey	0.01
		CODDIC COINCIL	0.13				
6D:	80	Fair		Poor		Door	
Braddock	00	Too clayey	0.02	Cobble content	0.00	Poor Slope	0.00
		Low content of	0.02	Slope	0.50	Rock fragments	0.00
		organic matter		Shrink-swell	>0.99	Hard to reclaim	0.00
		Cobble content	0.19				
7A:							
Broadway	80	Fair		Poor		Fair	
		Low content of organic matter	0.88	Low strength	0.00	Hard to reclaim	0.96
		g					
8B: Carbo	75	Poor		Poor		Poor	
Carbo	73	Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of	0.50	Low strength	0.00	Depth to bedrock	0.97
		organic matter		Shrink-swell	0.13	·	
		Droughty	0.78				
8C:							
Carbo	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00	Slope	0.63
		Droughty	0.78	Shrink-swell	0.13	Depth to bedrock	0.97
00.							
9C:							



Map Symbol and Soil Name	Pct of	Potential Sourc of Reclaimation Ma		Potential Source of Roadfill	е	Potential Sourc of Topsoil	е
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9C:							
Carbo	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength Shrink-swell	0.00 0.13	Slope Depth to bedrock	0.96 0.97
		Droughty	0.78			·	
Endcav	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell Depth to bedrock	0.13 0.99	Slope	0.96
		Too acid	0.97	Deptil to bediock	0.99		
9D:							
Carbo	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.50	Low strength	0.00	Too Clayey	0.00
		organic matter Droughty	0.78	Slope	0.00	Depth to bedrock	0.97
Endcav	40	Poor		Poor		Poor	
Endody	10	Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too Clayey	0.00
		Too acid	0.97	Shrink-swell	0.13		
10A:							
Caverns	75	Fair		Good		Fair	
		Low content of organic matter	0.13			Too sandy	0.99
		Too sandy	0.99				
11B:							
Chilhowie	85	Poor		Poor		Poor	
Offilitiowic	00	Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.00	Shrink-swell	0.13	Rock fragments	0.00
		Droughty	0.03			Depth to bedrock	0.90
440.		- ,					
11C: Chilhowie	85	Poor		Poor		Poor	
Chilliowic	00	Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.00	Shrink-swell	0.13	Rock fragments	0.00
		Droughty	0.03			Slope	0.63
11D:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	;	Potential Sourc of Topsoil	е
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11D:	•	•					
Chilhowie	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.00	Shrink-swell Slope	0.13 0.50	Too Clayey Rock fragments	0.00
		Droughty	0.03	Giope	0.50	Nock Hagments	0.00
11E:							
Chilhowie	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.00	Slope	0.00	Too Clayey	0.00
		organic matter Droughty	0.03	Shrink-swell	0.13	Rock fragments	0.00
		Droughly	0.03				
12C:	20	5		5			
Chilhowie	80	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey Low content of	0.00	Depth to bedrock Shrink-swell	0.00 0.13	Too Clayey Rock fragments	0.00
		organic matter	0.00	SHIIIK-SWEII	0.13	Slope	0.63
		Droughty	0.03			Сюро	0.00
12D:							
Chilhowie	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.00	Shrink-swell	0.13	Too Clayey	0.00
		organic matter Droughty	0.03	Slope	0.50	Rock fragments	0.00
		Droughty	0.03				
13C:	20	5		5			
Chilhowie	80	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey Low content of	0.00	Depth to bedrock Shrink-swell	0.00 0.13	Too Clayey Rock fragments	0.00
		organic matter	0.00	Ollilik-Swell	0.13	Slope	0.63
		Droughty	0.03			0.000	0.00
13D:							
Chilhowie	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.00	Slope	0.00	Too Clayey	0.00
		organic matter	0.00	Shrink-swell	0.13	Rock fragments	0.00
		Droughty	0.03				
13E:							
Chilhowie	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.00	Slope	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.13	Rock fragments	0.00
		,					
14B:							



Map Symbol	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	;	Potential Source of Topsoil	e
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14B:					· · · · · · · · · · · · · · · · · · ·		
Coursey	80	Fair		Fair		Fair	
		Too acid	0.12	Low strength Depth to saturated zone	0.78 0.89	Too acid Depth to saturated zone	0.60 0.89
Purdy	5	Poor		Poor		Poor	
		Too clayey Too acid	0.00 0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.13	Low strength Shrink-swell	0.00 0.87	Too Clayey Too acid	0.00 0.60
		organic matter		OHITIK-SWCII	0.07	100 acid	0.00
14C:							
Coursey	80	Fair		Fair		Fair	
		Too acid	0.12	Low strength	0.78	Too acid	0.60
				Depth to saturated zone	0.89	Slope Depth to saturated zone	0.63 0.89
Purdy	5	Poor		Poor		Poor	
•		Too clayey Too acid	0.00 0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of	0.12	Low strength	0.00	Too Clayey	0.00
		organic matter		Shrink-swell	0.87	Too acid	0.60
15A:							
Derroc	85	Fair		Poor		Poor	
		Cobble content Low content of organic matter	0.04 0.13	Cobble content	0.00	Hard to reclaim Rock fragments	0.00
		Droughty	0.72				
16B:							
Edom	90	Poor		Fair		Poor	
		Too clayey Low content of organic matter	0.00 0.13	Shrink-swell	0.87	Too Clayey Hard to reclaim	0.00
16C:							
Edom	90	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.87	Too Clayey	0.00
		Low content of organic matter	0.13			Hard to reclaim Slope	0.00 0.63
17B:							
Endcav	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell Depth to bedrock	0.13 0.99	Rock fragments	0.97
		Too acid	0.97	,			
17C:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill		Potential Sourc of Topsoil	е
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17C:							
Endcav	75	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter Too acid	0.13 0.97	Shrink-swell Depth to bedrock	0.13 0.99	Slope Rock fragments	0.63 0.97
17D:							
Endcav	75	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of	0.13	Shrink-swell	0.13	Too Clayey	0.00
		organic matter Too acid	0.97	Slope	0.50	Rock fragments	0.97
18B:							
Endcav	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of	0.13	Shrink-swell	0.13	Rock fragments	0.97
		organic matter Too acid	0.97	Depth to bedrock	0.99		
18C:							
Endcav	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of	0.13	Shrink-swell	0.13	Slope	0.63
		organic matter Too acid	0.97	Depth to bedrock	0.99	Rock fragments	0.97
19D:							
Frederick	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Too Clayey	0.00
		organic matter Too acid	0.54	Shrink-swell	0.20	Too acid	0.98
20B:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Too acid	0.98
		Too acid	0.54				
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments	0.50
		Too acid	0.68				
20C:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	e	Potential Source of Topsoil	е
and con warne	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
20C:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Slope Too acid	0.63 0.98
		Too acid	0.54			100 aciu	0.90
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of	0.13			Rock fragments	0.50
		organic matter	0.00			Slope	0.63
		Too acid	0.68				
20D:							
Frederick	45	Poor		Poor		Poor	
		Too clayey Low content of	0.00 0.13	Low strength Shrink-swell	0.00	Slope Too Clayey	0.00
		organic matter	0.13	Slope	0.20 0.50	Too Clayey Too acid	0.00
		Too acid	0.54	Оюрс	0.00	100 0010	0.00
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Slope	0.00
		Low content of	0.13	Slope	0.50	Too Clayey	0.00
		organic matter Too acid	0.68			Rock fragments	0.50
21B:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Too acid	0.98
		Too acid	0.54				
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments	0.50
		Too acid	0.68				
21C:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Slope Too acid	0.63 0.98
		Too acid	0.54			100 dold	0.00
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments Slope	0.50 0.63
		Too acid	0.68			p -	3.00



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Sourc of Roadfill	е	Potential Source of Topsoil	e
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21D:							
Frederick	45	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey Low content of	0.00 0.13	Low strength Shrink-swell	0.00 0.20	Slope Too Clayey	0.00
		organic matter	0.13	Slope	0.50	Too clayey Too acid	0.00
		Too acid	0.54	Сюрс	0.00	. 00 00.0	0.00
Poplimento	30	Poor		Fair		Poor	
•		Too clayey	0.00	Shrink-swell	0.23	Slope	0.00
		Low content of	0.13	Slope	0.50	Too Clayey	0.00
		organic matter				Rock fragments	0.50
		Too acid	0.68				
21E:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength Shrink-swell	0.00 0.20	Too Clayey Too acid	0.00 0.98
		Too acid	0.54	Sillink-swell	0.20	100 aciu	0.90
Poplimento	30	Poor		Poor		Poor	
· oponto		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of	0.13	Shrink-swell	0.23	Too Clayey	0.00
		organic matter				Rock fragments	0.50
		Too acid	0.68				
22B:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Too acid	0.98
		Too acid	0.54				
Poplimento	30	Poor		Fair		Poor	
· • • • • • • • • • • • • • • • • • • •		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of	0.13			Rock fragments	0.50
		organic matter					
		Too acid	0.68				
22C:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Slope	0.63
		Too acid	0.54			Too acid	0.98
Poplimento	30	Poor		Fair		Poor	
. 55	50	Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of	0.13	,	5.20	Rock fragments	0.50
		organic matter				Slope	0.63
		Too acid	0.68				

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Sourc of Roadfill	e	Potential Source of Topsoil	e
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22D:	4.5	5		5			
Frederick	45	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey Low content of	0.00 0.13	Low strength Shrink-swell	0.00 0.20	Slope Too Clayey	0.00
		organic matter	0.10	Slope	0.50	Too acid	0.98
		Too acid	0.54				
Poplimento	30	Poor		Fair		Poor	
·		Too clayey	0.00	Shrink-swell	0.23	Slope	0.00
		Low content of	0.13	Slope	0.50	Too Clayey	0.00
		organic matter				Rock fragments	0.50
		Too acid	0.68				
23C:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Slope Too acid	0.96 0.98
		Too acid	0.54			100 aciu	0.96
Poplimento	30	Poor		Fair		Poor	
1 opinionto	00	Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of	0.13		0.20	Rock fragments	0.50
		organic matter				Slope	0.96
		Too acid	0.68				
23D:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope Shrink-swell	0.00 0.20	Too Clayey Too acid	0.00 0.98
		Too acid	0.54	Shirik-sweii	0.20	100 acid	0.96
Poplimento	30	Poor		Poor		Poor	
Fopilitietito	30	Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of	0.13	Shrink-swell	0.00	Too Clayey	0.00
		organic matter				Rock fragments	0.50
		Too acid	0.68				
24B:							
Gainesboro	45	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of	0.13			Depth to bedrock	0.54
		organic matter Depth to bedrock	0.54			Too acid	0.98
Berks	40	Poor		Poor		Poor	
DCIV2	40	Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of	0.00	Dehm to nemore	0.00	Too acid	0.00
		organic matter	0.10			Depth to bedrock	0.97
		Too acid	0.50				

Map Symbol and Soil Name	Pct of	Potential Sourc of Reclaimation Ma		Potential Source of Roadfill	e	Potential Sourc of Topsoil	е
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
24C:	•		•				-
Gainesboro	45	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock Slope	0.54 0.63
		Depth to bedrock	0.54				
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	·		Slope Too acid	0.63 0.92
		Too acid	0.50			. 00 00.0	0.02
24D:							
Gainesboro	45	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.50	Rock fragments	0.00
		organic matter				Depth to bedrock	0.54
		Depth to bedrock	0.54				
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments Too acid	0.00 0.92
		Too acid	0.50				
24E:							
Gainesboro	45	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments Depth to bedrock	0.00 0.54
		Depth to bedrock	0.54			·	
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	•	0.00	Rock fragments Too acid	0.00 0.92
		Too acid	0.50			. 00 00.0	0.02
25B:							
Gilpin	80	Poor		Poor		Poor	
- lt		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of	0.13	-p		Depth to bedrock	0.21
		organic matter				Too acid	0.60
		Depth to bedrock	0.21				
25C:							

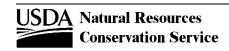
and Soil Name Map Unit 25C: Gilpin 80 25D: Gilpin 80 26C: Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock	0.00 0.13 0.21 0.00 0.13 0.21 0.00 0.13	Poor Depth to bedrock Poor Depth to bedrock Poor Depth to bedrock Poor Depth to bedrock Poor Depth to bedrock	0.00 0.00 0.50	Poor Rock fragments Depth to bedrock Too acid Poor Slope Rock fragments Depth to bedrock Too acid Poor Slope Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Too acid	0.00 0.21 0.60 0.00 0.21 0.00 0.21
Gilpin 80 25D: Gilpin 80 26C: Gilpin 80 26D: Gilpin 80 27C: Gilpin 80 27D: 80	Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock	0.13 0.21 0.00 0.13 0.21 0.00 0.13 0.21	Poor Depth to bedrock Slope Poor Depth to bedrock Slope	0.00 0.50	Rock fragments Depth to bedrock Too acid Poor Slope Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Too acid	0.21 0.60 0.00 0.00 0.21
25D: Gilpin 80 26C: Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock	0.13 0.21 0.00 0.13 0.21 0.00 0.13 0.21	Poor Depth to bedrock Slope Poor Depth to bedrock Slope	0.00 0.50	Rock fragments Depth to bedrock Too acid Poor Slope Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Too acid	0.21 0.60 0.00 0.00 0.21
Gilpin 80 26C: Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock	0.13 0.21 0.00 0.13 0.21 0.00 0.13 0.21	Poor Depth to bedrock Slope Poor Depth to bedrock	0.00 0.50	Poor Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Too acid	0.21 0.60 0.00 0.00 0.21
Gilpin 80 26C: Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock	0.21 0.00 0.13 0.21 0.00 0.13 0.21	Poor Depth to bedrock Poor Poor	0.50	Poor Slope Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Too acid	0.60 0.00 0.00 0.21
Gilpin 80 26C: Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock	0.00 0.13 0.21 0.00 0.13 0.21	Poor Depth to bedrock Poor Poor	0.50	Poor Slope Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Too acid	0.00 0.00 0.21 0.00 0.21
Gilpin 80 26C: Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Droughty Droughty	0.13 0.21 0.00 0.13 0.21	Poor Depth to bedrock Poor Poor	0.50	Slope Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Too acid	0.00 0.21 0.00 0.21
26C: Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Droughty Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Droughty Droughty	0.13 0.21 0.00 0.13 0.21	Poor Depth to bedrock Poor Poor	0.50	Slope Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Too acid	0.00 0.21 0.00 0.21
Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Low content of organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty Droughty	0.13 0.21 0.00 0.13 0.21	Poor Depth to bedrock Poor	0.50	Poor Rock fragments Depth to bedrock Poor Rock fragments Depth to bedrock Too acid	0.00 0.21 0.00 0.21
Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	organic matter Depth to bedrock Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty	0.21 0.00 0.13 0.21	Poor Depth to bedrock Poor	0.00	Poor Rock fragments Depth to bedrock Too acid	0.21 0.00 0.21
Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty	0.00 0.13 0.21	Depth to bedrock		Poor Rock fragments Depth to bedrock Too acid	0.00 0.21
Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Poor Droughty Low content of organic matter Depth to bedrock Poor Droughty	0.00 0.13 0.21	Depth to bedrock		Rock fragments Depth to bedrock Too acid Poor	0.21
Gilpin 80 26D: Gilpin 80 27C: Gilpin 80	Droughty Low content of organic matter Depth to bedrock Poor Droughty	0.13 0.21 0.00	Depth to bedrock		Rock fragments Depth to bedrock Too acid Poor	0.21
26D: Gilpin 80 27C: Gilpin 80	Droughty Low content of organic matter Depth to bedrock Poor Droughty	0.13 0.21 0.00	Depth to bedrock		Rock fragments Depth to bedrock Too acid Poor	0.21
Gilpin 80 27C: Gilpin 80	Low content of organic matter Depth to bedrock Poor Droughty	0.13 0.21 0.00	Poor		Depth to bedrock Too acid Poor	0.21
Gilpin 80 27C: Gilpin 80	organic matter Depth to bedrock Poor Droughty	0.21		0.00	Too acid	
Gilpin 80 27C: Gilpin 80	Depth to bedrock Poor Droughty	0.00		0.00	Poor	0.00
Gilpin 80 27C: Gilpin 80	Droughty			0.00		
27C: Gilpin 80 27D:	Droughty			0.00		
Gilpin 80 27D:			Denth to hedrock	0.00		
Gilpin 80	Low content of		Deptil to bearook	0.00	Slope	0.00
Gilpin 80 7D:	organic matter	0.13	Slope	0.00	Rock fragments Depth to bedrock	0.00 0.21
Gilpin 80 27D:	Depth to bedrock	0.21			Dopu. to Dod. con	0.2.
Gilpin 80 27D:						
	Poor		Poor		Poor	
	Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
	Low content of	0.13			Depth to bedrock	0.21
	organic matter	0.04			Too acid	0.60
	Depth to bedrock	0.21				
Gilpin 80						
	Poor		Poor		Poor	
	Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
	Low content of	0.13	Slope	0.50	Rock fragments	0.00
	organic matter Depth to bedrock	0.21			Depth to bedrock	0.21
	Dopuit to Bouldon	0.2.				
27E:	_				_	
Gilpin 90	Poor	2.22	Poor	2.22	Poor	2.22
	Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
	Low content of organic matter	0.13	Slope	0.00	Rock fragments Depth to bedrock	0.00 0.21
	J	0.21			Deptil to bealock	0.21
28C:	Depth to bedrock	0.21				



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	•	Potential Source of Topsoil	е
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28C:							
Gilpin	80	Poor		Poor		Poor	
		Droughty Low content of organic matter	0.00 0.13	Depth to bedrock	0.00	Rock fragments Depth to bedrock	0.00
		Depth to bedrock	0.21			Too acid	0.60
28D:							
Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter				Depth to bedrock	0.21
		Depth to bedrock	0.21				
28E:							
Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.21			Depth to bedrock	0.21
204.							
29A: Gladehill	80	Fair		Good		Fair	
Gladeriiii	00	Low content of organic matter	0.13	G000		Hard to reclaim	0.88
30A:							
Guyan	85	Fair		Poor		Poor	
		Too acid	0.50	Low strength	0.00	Depth to saturated	0.00
		Low content of	0.50	Depth to saturated	0.00	zone	0.00
		organic matter Water erosion	0.99	zone		Too acid	0.88
		Water crosion	0.99				
Purdy	5	Poor		Poor		Poor	
		Too clayey Too acid	0.00 0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of	0.13	Low strength	0.00	Too Clayey	0.00
		organic matter		Shrink-swell	0.87	Too acid	0.60
31B:							
Jefferson	75	Fair		Good		Poor	
		Too acid	0.32			Hard to reclaim	0.00
		Low content of	0.50			Rock fragments	0.00
		organic matter				Too acid	0.88
31C:							
Jefferson	75	Fair		Good		Poor	
		Too acid	0.32			Hard to reclaim	0.00
		Low content of	0.50			Rock fragments	0.00
		organic matter				Slope	0.63

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat	_	Potential Source of Roadfill		Potential Source of Topsoil	e
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
32C:							
Jefferson	75	Fair		Good		Poor	
		Too acid	0.32			Hard to reclaim	0.00
		Low content of organic matter	0.50			Rock fragments Too acid	0.00 0.88
32D:							
Jefferson	75	Fair		Poor		Poor	
		Too acid	0.32	Slope	0.00	Slope	0.00
		Low content of	0.50			Hard to reclaim	0.00
		organic matter				Rock fragments	0.00
33C: Jefferson	75	Fair		Good		Poor	
Jenerson	75		0.22	G000			0.00
		Too acid Low content of	0.32 0.50			Hard to reclaim Rock fragments	0.00
		organic matter	0.50			Slope	0.84
33D:				_		_	
Jefferson	75	Fair		Poor		Poor	
		Too acid	0.32	Slope	0.00	Slope	0.00
		Low content of organic matter	0.50			Hard to reclaim Rock fragments	0.00 0.00
33E:							
Jefferson	75	Fair		Poor		Poor	
		Too acid	0.32	Slope	0.00	Slope	0.00
		Low content of organic matter	0.50			Hard to reclaim Rock fragments	0.00 0.00
34B:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	pan		Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60
34C:				_		_	
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	pan		Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60
35C:				_		_	
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	pan		Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	;	Potential Source of Topsoil	Э
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
35D:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Slope	0.00
		Low content of organic matter	0.13	pan Slope	0.00	Rock fragments	0.00
		Too acid	0.50	Slope	0.00	Depth to cemented pan	0.54
36B:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	pan		Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60
36C:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	pan		Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60
37C:							
Laidig	85	Fair		Poor		Poor	
		Droughty Low content of	0.04 0.13	Depth to cemented pan	0.00	Rock fragments Depth to cemented	0.00 0.54
		organic matter		•		pan	
		Too acid	0.50			Too acid	0.60
37D:							
Laidig	90	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Slope	0.00
		Low content of	0.13	pan	0.00	Rock fragments	0.00
		organic matter Too acid	0.50	Slope	0.00	Depth to cemented pan	0.54
37E:							
Laidig	85	Fair		Poor		Poor	
.		Droughty	0.04	Slope	0.00	Slope	0.00
		Low content of	0.13	Depth to cemented	0.00	Rock fragments	0.00
		organic matter	0.50	pan		Depth to cemented	0.54
		Too acid	0.50			pan	
38B:							
Lehew	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.10			Depth to bedrock	0.10
		Low content of organic matter	0.13			Too acid	0.88

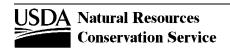


Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	9	Potential Sourc of Topsoil	е
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
38B:							I
Gainesboro	30	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock Too acid	0.54 0.98
		Depth to bedrock	0.54			100 acid	0.90
38C:							
Lehew	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.10			Depth to bedrock	0.10
		Low content of organic matter	0.13			Slope	0.63
Gainesboro	30	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of	0.13			Depth to bedrock	0.54
		organic matter Depth to bedrock	0.54			Slope	0.63
38D:							
Lehew	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.50	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
Gainesboro	30	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.50	Rock fragments	0.00
		organic matter Depth to bedrock	0.54			Depth to bedrock	0.54
38E:							
Lehew	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
Gainesboro	30	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter Depth to bedrock	0.54			Depth to bedrock	0.54
39A:							
Massanetta	90	Fair		Fair		Fair	
		Low content of	0.13	Depth to saturated	0.98	Rock fragments	0.50
		organic matter	0.00	zone		Depth to saturated	0.98
		Water erosion	0.99			zone	



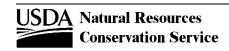
;	Potential Source of Topsoil		Potential Source of Roadfill		Potential Source of Reclaimation Ma	Pct of	Map Symbol and Soil Name
Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Map Unit	and con Name
						•	40D:
	Poor		Poor		Fair	80	Massanutten
0.00	Slope	0.00	Depth to bedrock	0.04	Droughty		
0.00 0.10	Rock fragments Depth to bedrock	0.00	Slope	0.10 0.13	Depth to bedrock Low content of organic matter		
							40E:
	Poor		Poor		Fair	80	Massanutten
0.00	Slope	0.00	Depth to bedrock	0.04	Droughty		
0.00	Rock fragments	0.00	Slope	0.10	Depth to bedrock		
0.10	Depth to bedrock			0.13	Low content of organic matter		
							41D:
	Poor		Poor		Fair	80	Massanutten
0.00	Slope	0.00	Depth to bedrock	0.04	Droughty		
0.00	Rock fragments	0.00	Slope	0.10	Depth to bedrock		
0.10	Depth to bedrock			0.13	Low content of organic matter		
							41E:
	Poor		Poor		Fair	80	Massanutten
0.00	Slope	0.00	Depth to bedrock	0.04	Droughty		
0.00 0.10	Rock fragments Depth to bedrock	0.00	Slope	0.10 0.13	Depth to bedrock Low content of organic matter		
							42A:
	Poor		Poor		Poor	80	Maurertown
0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00 0.99	Too clayey Water erosion		
0.00	Too Clayey	0.00 0.13	Low strength Shrink-swell				
							43B:
	Poor		Poor		Poor	80	Moomaw
0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00	Depth to cemented pan		
0.76	Depth to saturated zone	0.76	Depth to saturated zone	0.00 0.50	Droughty Too acid		
0.88	Too acid						
	_		_				
0.00		0.00		0.00		80	ivioomaw
	pan		pan		pan		
0.63 0.76	Slope Depth to saturated zone	0.76	Depth to saturated zone	0.00 0.50	Droughty Too acid		
	Slope Depth to saturated	0.00 0.76	Depth to saturated		Droughty	80	43C: Moomaw 44B:

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill	•	Potential Source of Topsoil	е
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
44B:							<u> </u>
Moomaw	80	Poor		Poor		Poor	
		Depth to cemented pan	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Droughty Too acid	0.00 0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76
						Too acid	0.88
44C:							
Moomaw	80	Poor		Poor		Poor	
		Depth to cemented pan	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Droughty	0.00	Depth to saturated	0.76	Slope	0.63
		Too acid	0.50	zone		Depth to saturated zone	0.76
45A:							
Newmarc	85	Fair		Poor		Poor	
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Low strength	0.78		
46A:							
Nomberville	80	Fair		Fair		Poor	
		Low content of organic matter	0.88	Low strength	0.22	Hard to reclaim	0.00
47C:							
Opequon	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Low strength	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Shrink-swell	0.13	Rock fragments	0.88
48C:							
Opequon	80	Poor		Poor		Poor	
		Too clayey	0.00		0.00		0.00
		Droughty	0.00	Low strength	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Shrink-swell	0.13	Rock fragments	0.88
48D:		_		_			
Opequon	80	Poor		Poor		Poor	
		Too clayey Droughty	0.00	Depth to bedrock	0.00	Slope Too Clayey	0.00
		Depth to bedrock	0.00	Low strength Shrink-swell	0.00	Depth to bedrock	0.00
49:							
Pits	100	Not Rated		Not Rated		Not Rated	
50A:							

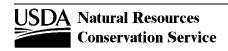


Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill		Potential Sourc of Topsoil	e
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
50A:	•						•
Purdy	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated	0.00	Depth to saturated	0.00
		Too acid	0.12	zone	0.00	zone	0.00
		Low content of organic matter	0.13	Low strength Shrink-swell	0.00 0.87	Too Clayey Too acid	0.00 0.60
51D:							
Rock outcrop	55	Not Rated		Not Rated		Not Rated	
Carbo	35	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of	0.50	Low strength	0.00	Slope	0.04
		organic matter		Shrink-swell	0.13	Depth to bedrock	0.97
		Droughty	0.78				
52F:	50	N. D. J.		N . D		N . D	
Rock outcrop	50	Not Rated		Not Rated		Not Rated	
Drall	25	Poor		Poor		Poor	
		Too sandy	0.00	Slope	0.00	Slope	0.00
		Droughty	0.03	Depth to bedrock	0.04	Hard to reclaim	0.00
		Too acid	0.50	No cobble limitation	>0.99	Rock fragments	0.00
Wallen	15	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
53C:							
Sequoia	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of	0.13	Low strength	0.00	Rock fragments	0.50
		organic matter Too acid	0.50	Shrink-swell	0.87	Too acid	0.88
53D:							
Sequoia	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Too Clayey	0.00
		organic matter Too acid	0.50	Low strength	0.00	Rock fragments	0.50
505			0.00				
53E:	75	Door		Door		Door	
Sequoia	75	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey Low content of	0.00 0.13	Depth to bedrock Slope	0.00	Slope Too Clayey	0.00
		organic matter	0.13	Low strength	0.00	Rock fragments	0.50
		Too acid	0.50	20W Strongth	5.00	Nook nagmonto	0.50

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill		Potential Source of Topsoil	е
una con nume	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
54B:							
Timberville	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter Too acid	0.13	Shrink-swell	0.97	Rock fragments Hard to reclaim	0.00 0.32
		100 acid	0.50				
55A:		_		_		_	
Toms	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.96	Hard to reclaim	0.00
		Water erosion	0.90	Offilia-Swell	0.90	Depth to saturated zone	0.00
Maurertown	5	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated	0.00	Depth to saturated	0.00
		Water erosion	0.99	zone	0.00	zone	0.00
				Low strength Shrink-swell	0.00 0.13	Too Clayey	0.00
				SHIIIK-SWEII	0.13		
56B:							
Trappist	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.50	Depth to bedrock	0.00	Hard to reclaim	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Too acid	0.60
56C:							
Trappist	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.50	Depth to bedrock	0.00	Hard to reclaim	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Too acid	0.60
57:							
Udorthents	80	Not Rated		Not Rated		Not Rated	
58:							
Udorthents	55	Not Rated		Not Rated		Not Rated	
Urban land	30	Not Rated		Not Rated		Not Rated	
59B:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of	0.13	Shrink-swell	0.87	Rock fragments	0.88
		organic matter	_			Too acid	0.98
		Too acid	0.54				



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Sourc of Roadfill	e	Potential Sourc of Topsoil	е
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
59C:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter Too acid	0.13	Shrink-swell	0.87	Slope Rock fragments	0.63 0.88
000							
60B:	00	D		Danie		Descri	
Unison	90	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Rock fragments Too acid	0.88 0.98
		Too acid	0.54			100 acid	0.90
60C:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope Rock fragments	0.63 0.88
		Too acid	0.54			3 3 3	
61B:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Rock fragments Too acid	0.88 0.98
		Too acid	0.54				
61C:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope Rock fragments	0.63 0.88
		Too acid	0.54			· ·	
62C:							
Wallen	75	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Cobble content	0.10	Depth to bedrock Slope	0.54 0.63
		Depth to bedrock	0.54				
62D:							
Wallen	75	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope Cobble content	0.00 0.10	Rock fragments Depth to bedrock	0.00 0.54
		Depth to bedrock	0.54	Jobbio Comon	0.10	Sopar to bourous	0.04
63C:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill		Potential Sourc of Topsoil	е
and con realine	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
63C:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Cobble content	0.10	Depth to bedrock Slope	0.90 0.96
		Too acid	0.54				
63D:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
63E:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
64D:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter		Cobble content	0.10	Depth to bedrock	0.90
		Too acid	0.54			·	
64E:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter		Cobble content	0.10	Depth to bedrock	0.90
		Too acid	0.54				
64F:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter		Cobble content	0.10	Depth to bedrock	0.90
		Too acid	0.54				
65C:							
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Cobble content	0.10	Depth to bedrock Slope	0.90 0.96
		Too acid	0.54			1	



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	е	Potential Sourc of Topsoil	е
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
65C:					•		
Lehew	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.10			Depth to bedrock	0.10
		Low content of organic matter	0.13			Too acid	0.88
65D:							
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter		Cobble content	0.10	Depth to bedrock	0.90
		Too acid	0.54				
Lehew	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
65E:							
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
Lehew	35	Poor		Poor		Poor	
20		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	2.00		Depth to bedrock	0.10
66E:							
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
Lehew	35	Poor		Poor		Poor	
- · - ··		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13		2.23	Depth to bedrock	0.10
66F:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	е	Potential Sourc of Topsoil	е
una con riamo	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
66F:			•				-
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
		100 4014	0.01				
Lehew	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
67F:							
Weikert	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
68D:							
Weikert	50	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments Too acid	0.00 0.92
		Too acid	0.50				
68E:							
Weikert	50	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter	0.50			Too acid	0.92
		Too acid	0.50				
69D:							

And Soil Name Map Unit Rating Class and Limiting Features 69D: Weikert 45 Poor Droughty Depth to bedrock Low content of organic matter Berks 35 Poor Droughty Low content of organic matter Too acid 69F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.00 0.00 0.13 0.50 0.00 0.13 0.50	Poor Depth to bedrock Slope Poor Depth to bedrock Slope	0.00 0.00 0.00 0.00 0.00	Rating Class and Limiting Features Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments Too acid Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.00 0.00 0.00 0.92
Weikert 45 Poor Droughty Depth to bedrock Low content of organic matter Berks 35 Poor Droughty Low content of organic matter 69F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Too acid 69F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of	0.00 0.13 0.00 0.13 0.50 0.00 0.13	Poor Depth to bedrock Slope	0.00 0.00 0.00 0.00	Slope Rock fragments Depth to bedrock Poor Slope Rock fragments Too acid Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.00 0.00 0.92 0.00 0.00 0.00
Berks 35 Poor Droughty Low content of organic matter Berks 35 Poor Droughty Low content of organic matter Foo acid Droughty Depth to bedrock Low content of organic matter Too acid Droughty Depth to bedrock Low content of organic matter Droughty Depth to bedrock Low content of organic matter Droughty Low content of organic matter Droughty Low content of organic matter Too acid Droughty Low content of organic matter Too acid Low content of organic matter Too acid Low content of organic matter	0.00 0.13 0.00 0.13 0.50 0.00 0.13	Poor Depth to bedrock Slope	0.00 0.00 0.00 0.00	Slope Rock fragments Depth to bedrock Poor Slope Rock fragments Too acid Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.00 0.00 0.92 0.00 0.00 0.00
Berks 35 Poor Droughty Low content of organic matter 89F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Too acid 89F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of	0.00 0.13 0.00 0.13 0.50 0.00 0.13	Poor Depth to bedrock Slope Poor Depth to bedrock Slope Poor Depth to bedrock Slope	0.00 0.00 0.00 0.00	Poor Slope Rock fragments Too acid Poor Slope Rock fragments Too bedrock Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments	0.00 0.00 0.00 0.00 0.92 0.00 0.00 0.00
Berks 35 Poor Droughty Low content of organic matter 69F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter 70 acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.13 0.00 0.13 0.50 0.00 0.13 0.00 0.13	Poor Depth to bedrock Slope Poor Depth to bedrock Slope Poor Depth to bedrock	0.00 0.00 0.00 0.00	Poor Slope Rock fragments Too acid Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.92 0.00 0.00 0.00
Droughty Low content of organic matter Too acid 69F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.13 0.50 0.00 0.00 0.13	Poor Depth to bedrock Slope Poor Depth to bedrock Slope Poor Depth to bedrock	0.00 0.00 0.00	Slope Rock fragments Too acid Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments	0.00 0.92 0.00 0.00 0.00
Low content of organic matter Too acid 69F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.13 0.50 0.00 0.00 0.13	Poor Depth to bedrock Slope Poor Depth to bedrock	0.00 0.00 0.00	Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments	0.00 0.92 0.00 0.00 0.00
organic matter Too acid 69F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter 70 acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.50 0.00 0.00 0.13	Poor Depth to bedrock Slope Poor Depth to bedrock	0.00 0.00	Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments	0.92 0.00 0.00 0.00
Too acid 69F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter Too acid Low content of organic matter	0.00 0.00 0.13 0.00 0.13	Depth to bedrock Slope Poor Depth to bedrock	0.00	Poor Slope Rock fragments Depth to bedrock Poor Slope Rock fragments	0.00 0.00 0.00
69F: Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.00 0.00 0.13 0.00 0.13	Depth to bedrock Slope Poor Depth to bedrock	0.00	Slope Rock fragments Depth to bedrock Poor Slope Rock fragments	0.00 0.00 0.00 0.00
Weikert 50 Poor Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.00 0.13 0.00 0.13	Depth to bedrock Slope Poor Depth to bedrock	0.00	Slope Rock fragments Depth to bedrock Poor Slope Rock fragments	0.00 0.00 0.00 0.00
Droughty Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.00 0.13 0.00 0.13	Depth to bedrock Slope Poor Depth to bedrock	0.00	Slope Rock fragments Depth to bedrock Poor Slope Rock fragments	0.00 0.00 0.00 0.00
Depth to bedrock Low content of organic matter Berks 40 Poor Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.00 0.13 0.00 0.13	Slope Poor Depth to bedrock	0.00	Rock fragments Depth to bedrock Poor Slope Rock fragments	0.00 0.00 0.00 0.00
Berks 40 Poor Droughty Low content of organic matter 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.13 0.00 0.13	Poor Depth to bedrock	0.00	Poor Slope Rock fragments	0.00 0.00 0.00
Droughty Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.13	Depth to bedrock		Slope Rock fragments	0.00
Low content of organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.13	•		Rock fragments	0.00
organic matter Too acid 70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter		Slope	0.00	-	
70B: Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter	0.50				
Wolfgap 75 Good 71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter					
71D: Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of organic matter					
Zepp 75 Fair Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of		Good		Good	
Too acid Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of					
Low content of organic matter 71E: Zepp 75 Fair Too acid Low content of		Poor		Poor	
71E: Zepp 75 Fair Too acid Low content of	0.12	Slope	0.00	Slope	0.00
Zepp 75 Fair Too acid Low content of	0.88			Rock fragments Hard to reclaim	0.00 0.08
Zepp 75 Fair Too acid Low content of					
Too acid Low content of		Poor		Poor	
	0.12	Slope	0.00	Slope	0.00
· ·	0.88	·		Rock fragments Hard to reclaim	0.00 0.08
72E:					
Zepp 80 Fair		Poor		Poor	
Too acid	0.12	Slope	0.00	Slope	0.00
Low content of	0.88	•		Rock fragments	0.00
organic matter				Hard to reclaim	80.0
W:					
Water 100 Not Rated					

